

AMENDMENTS TO THE CLAIMS

Please amend claims as set forth below. A complete listing of all claims with their correct identifier is resented below.

1. (Canceled)

2. (Currently Amended) ~~The An optical system for measurement according to Claim 1,~~
wherein first and second optical paths intersected with each other at an intersection on a
sample holder are set, wherein the first and second optical paths are formed so that light from a
light source is projected so as to be converged on the intersection from an incoming side beam
switching mirror that selectively switches a direction of the light, via one of first and second
converged light reflectors,

wherein first and second received light reflectors that projects the light to an exiting
side beam switching mirror are disposed on the first and second optical paths respectively, and
the exiting side beam switching mirror is capable of switching a direction of the light projected
from one of the first and second received light reflectors so that the light is projected toward a
detector,

wherein intensity of light from the sample in case of face side incidence and back side
incidence to the sample can be measured therein,

wherein the first and second converged light reflectors and first and second received light reflectors are elliptic cylindrical mirrors having an opening portion respectively,

wherein each of the elliptic cylindrical mirrors can be disposed so that center axes of the elliptic cylindrical mirrors are parallel to each other, and each focal axis of the elliptic cylindrical mirrors located on a common focal axis, and the elliptic cylindrical mirrors are coupled with each other at the respective opening portions, and

wherein the sample holder is placed on the common focal axis, the incoming side beam switching mirror and the exiting side beam switching mirror are disposed on remaining two focal axes respectively, and an incoming through hole and an exiting through hole are disposed on an incoming side and an exiting side of the elliptic cylindrical mirrors respectively.

3. (Canceled).

4. (Canceled)

5. (Original) The optical system for measurement according to claim 2, wherein the sample holder selectively positions a sample and a reference sample at the intersection of the first and second optical paths, and the incoming side beam switching mirror and the exiting side beam switching mirror are rotatable with mutual relation, whereby reflectance and transmittance can be measured at arbitrary incident angle.

6. (Original) The optical system for measurement according to claim 5, wherein the reference sample is a through hole.

7. (Canceled)

8. (Original) The optical system for measurement according to claim 2, the exiting side beam switching mirror is independently rotatable.